

<b>NWS CHANGE FORM PART A</b>			1. DATE SUBMITTED  10 November 1999	
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).				
2. ORIGINATOR OFFICE  NWS	3. SUBMITTING AUTHORITY Name: Paul Nipko Routing Code: W/APO	4. COGNIZANT TECHNICAL INDIVIDUAL Name: Thuy Tran Routing Code: W/APO1 Phone: 301-713-0211x176		5. ORIGINATOR TRACKING NUMBER  R4.2.4
6. SYSTEMS AFFECTED BY CHANGE  <input checked="" type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement) <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input checked="" type="checkbox"/> NEXRAD <input checked="" type="checkbox"/> OTHER (specify) _____				7. WSH TRACKING NUMBER  <b>NWS 521</b>
8. TITLE OF CHANGE AWIPS Software Version 4.2.4				
9. TYPE OF CHANGE  <input type="checkbox"/> HARDWARE <input checked="" type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY			10. SITES AFFECTED (Attach Part B, Page 2, if needed)  See Attach A1A	
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.)  Correct AWIPS software problem of D-2D hanging due to limit on number of radials in radar product.				
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.)  Requirements and problem identified in Block 11 above, will be corrected through the modification of existing software. The software will be developed by the NWS and PRC, and released as AWIPS software Version 4.2.4				
13. ALTERNATE SOLUTIONS  None - This is an urgency release required to correct a deficiency identified during field operations.				
14. REQUIRED CHANGE DATE 05 October 99	15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.)  Target release date per (ID reference doc)			
<b>CCB/PMC/CMB DECISION</b>				
16. DECISION AUTHORITY LEVEL	<input type="checkbox"/> CCB LEVEL ONLY		<input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED	
17. CCB LEVEL DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> DISAPPROVED		SIGNATURE	
			DATE SIGNED	
<b>FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED</b>				
18. PMC OR NWS CMB DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		SIGNATURE	
			DATE SIGNED	

<b>NWS CHANGE FORM</b> <b>PART A - DATA PRODUCTS SUPPLEMENT</b>
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2. WSH TRACKING NUMBER

This information is required for Data Products submissions. (Submitters should complete all applicable blocks, if known. WSH will assist.) Attach extra pages if necessary.

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<b>NWS CHANGE FORM</b> <b>PART B</b>		1. ORIGINATOR TRACKING NUMBER  R4.2.4	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER	
<b>FUNDING INFORMATION</b>			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$ ***
5. DEVELOPMENT COSTS (Estimate development costs) Contract *** Govt: (1 FSL engineer's salary amount from 9/21/99 through 9/28/99) = \$ ***		KMOD _____ BASE	AMOUNT \$ *** \$ ***
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs) N/A		BASE	AMOUNT \$0
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs)		KMOD _____ BASE	AMOUNT See #5
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs) N/A			AMOUNT \$0
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs) Contractor (PRC) support Government Installation		KMOD _____ BASE	AMOUNT See #5
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits) Contractor (PRC) - NCF Operations		KMOD _____	AMOUNT Unknown
<b>SUPPORTING INFORMATION AND SCHEDULES</b> Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E) Development Start- 21 September 99, Completion- 28 September 99		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.) Delivery - 29 September 99	
12. IMPLEMENTATION/RETROFIT SCHEDULE  See Attach A1A		13. FACILITY INFORMATION (Attach facility drawings/plans.)  N/A	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.) N/A		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED N/A	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each) N/A		17. COORDINATION OF CHANGE WITH OTHER CHANGES Requires AWIPS SW Ver 4.2.3 to be installed prior to implementation.	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.) See Attachment Part B		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.) No recurring workload impacts.	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.) N/A		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.) Service backup during software installation required (less than one hour per site for installation).	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.)  PRC will provide a TAR file with the SW and installation instructions to the NCF. The NCF will push the TAR file and instructions to all sites. SW to be installed by site personnel IAW installation instructions. Installation will take less than one hour. NCF and SST will be available to sites requiring assistance. Site installation schedules will be established by AWIPS Regional Focal Points and the SST. Initial Operational Capability occurs at first site on 5 October 99. Sites will report completion of installation via an ADM message to the NCF. All sites to implement change by 15 Dec 99.			

# NWS CHANGE FORM

R4.2.4

2. WSH TRACKING NUMBER

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<b>NWS CHANGE FORM</b> <b>PART C</b>		1. ORIGINATOR TRACKING NUMBER  R4.2.4	
WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.		2. WSH TRACKING NUMBER	
<b>3. CCB COST EVALUATION</b>  <div style="display: flex; justify-content: space-between;"> <span>NWS COST \$ ***</span> <span>FAA COST \$</span> <span>DOD COST \$</span> <span>OTHER AGENCY COST \$</span> <span>TOTAL COST \$ ***</span> </div> <div style="text-align: center;">(SPECIFY) _____</div>			
<b>4. IMPLEMENTATION DOCUMENTS REQUIRED</b>  <div style="display: flex; justify-content: space-between;"> <span><input type="checkbox"/> Engineering Modification Note</span> <span><input type="checkbox"/> Software Release Notes</span> <span>Other <input type="checkbox"/> Document (Specify) _____</span> </div>			
ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.			
<b>5. IMPLEMENTATION ACTIVITY REQUIRED</b>	<b>6. REQUIRED COMPLETION DATE</b>	<b>7. RESPONSIBLE PERSON AND OFFICE</b>	<b>8. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION</b>
A. Coordinate implementation schedule with field offices through AWIPS Regional Focal Points	16 November 99	Thigpen/SST W/APO3	N/A
B. Train NCF staff on the new software capabilities, installation procedures, and trouble shooting procedures	16 November 99	TBD,PRC	N/A
C. Release SW Listing following NWS CCB approval to do so.	05 October 99	TBD,PRC	NWS Contr. Off.
D. Release AWIPS SW ver 4.2.4 to the NCF and NWS CM (W/OSO113) as directed by APO.	05 October 99	TBD,PRC	Notify Gillespie, W/OSO112
E. Release SW to sites IAW approved schedule.	05 October 99	PRC	Ref Item H.
F. Report completion of installation via ADM message to NCF.	15 Dec 99	Site ESA	N/A
G. Audit sites for completion of installation and notify W/OSO112 of status by site weekly (ending 15 Dec 99)	15 Dec 99	Thigpen/SST, W/APO3	N/A
H. Report implementation completion (by region) using NCF/SST data at AWIPS CCB meetings (final report 16 Dec 99)	15 Dec 99	Davidson, W/OSO112	N/A